ComproFM User's Guide

Compro Technology, Inc.
www.comprousa.com

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1. Introduction

ComproFM lets you enjoy FM radio programs on your PC, with your VideoMate TV Gold+ card. Listen to music or other programs while you work or browse the Internet.

You can also record your favorite programs to MP3, WMA, and WAV formats for later playback. You can later download these recordings to your MP3 player (purchased separately) for listening on the go.

Key Features

- Supports VideoMate TV Gold+ PCI Tuner Card.
- Easy installation.
- Listen to and record live FM programs.
- Focus on ease-of-use by providing user interfaces that resemble those you are already familiar with, including wireless remote control.
- Capture audio from any station and encode them to WAV, WMA or MP3 formats.

Installation

ComproFM is usually automatically installed while you install the VideoMate TV drivers. Follow the instructions of the software installer.

You can also manually install it by inserting the installation CD. Choose “Exit” or “Cancel” when the installation program starts. Open Explorer, double-click on the “setup.exe” in the folder named ComproFM. ComproFM will be installed right away.

Updates

User satisfaction is the first priority for Compro Technology. Your opinion is crucial in improving our products. Therefore, Compro Technology is continuously improving our products. You can download the latest version of ComproFM from our website at

http://www.comprousa.com/download

After downloading the patch files of ComproFM, just double-click the update file. It will automatically start the installation program.

Remove software

- You can remove ComproFM through “Add/Remove Programs” in Control Panel. Find the ComproFM entry and click on the "Remove" button. ComproFM will be removed from your computer.

2. Remote Control

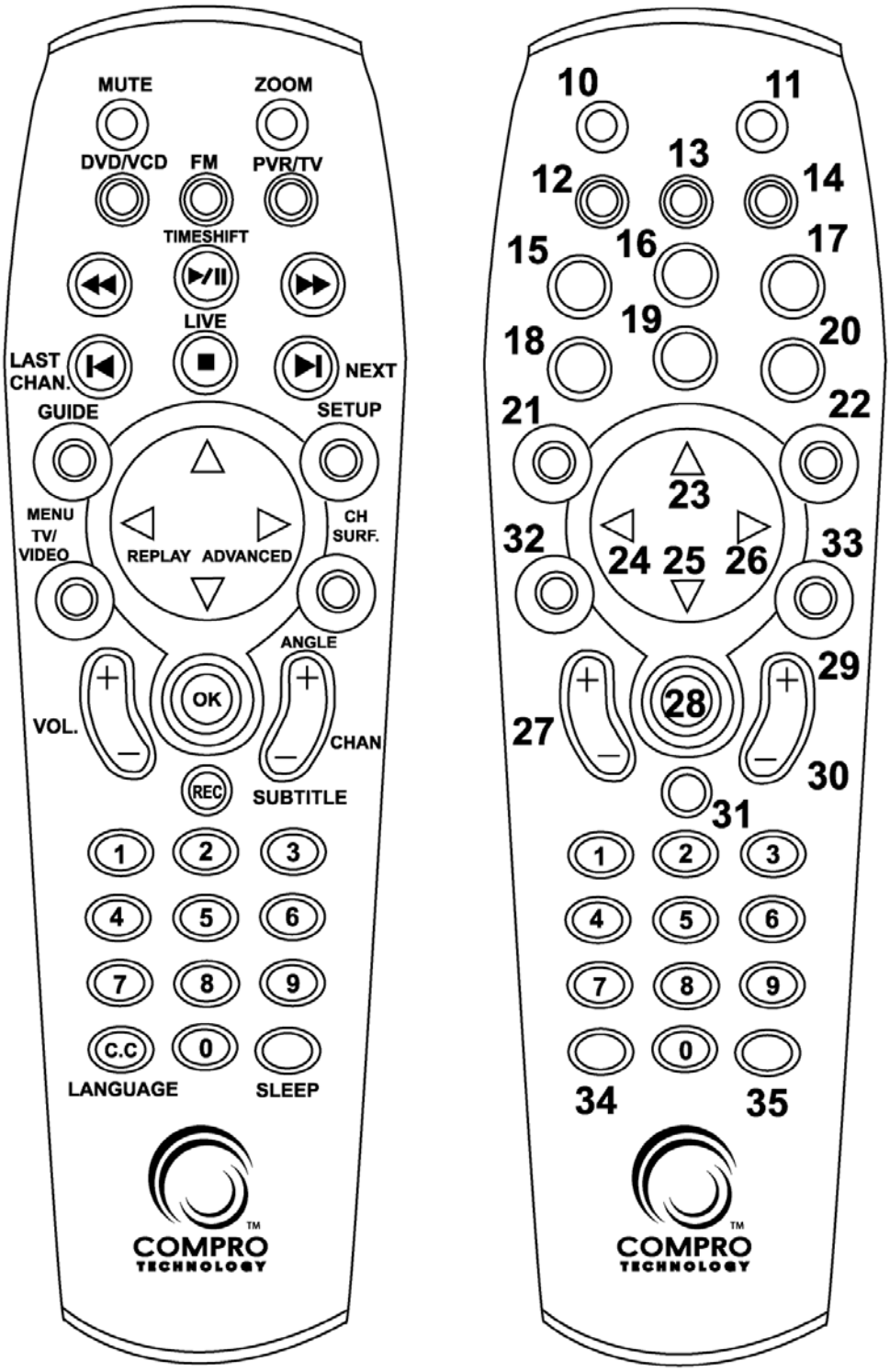
Definitions and Usage

Remote control keypad lets you control the ComproFM application with a familiar, user-friendly interface.

The next two pages describe how to use the remote control to operate ComproFM.

Note

The Compro remote control cannot be reprogrammed to control other appliances such as your VCR or satellite decoder box.


MUTE
ZOOM
DVD/VCD
FM
PVR/TV
TIMESHIFT
LIVE
LAST CHAN.
NEXT
GUIDE
SETUP
MENU TV/ VIDEO
REPLAY
ADVANCED
CH SURF.
ANGLE
OK
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LANGUAGE
SLEEP
COMPRO TECHNOLOGY
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COMPRO TECHNOLOGY

Key Number	ComproFM Function
0-9	Pre-set stations
10	Mute
11*	Not used
12	Start/Stop ComproDVD
13	Start/Stop ComproFM
14	Start/Stop ComproPVR
15	Rewind
16	Play/Pause during playback
17	Forward
18	Jump to last channel
19	Not used
20	Tab function in play list
21	Open on-line help file
22	Open properties setup dialog box
23	Up Arrow
24	Not used
25	Down Arrow
26	Not used
27	Volume Adjustment
28	Open play list
29	Channel Up
30	Channel Down
31	Record
32	Not used
33	Not used
34*	Not used
35*	Enable and setup sleep timer

Note

Not all Compro remote controls have the same keypad. Buttons noted by an asterisk (*) may not be available on your remote control keypad.

FM function is only available with supported hardware.

3. ComproFM User Interface

Control Panel

The ComproFM control panel resembles the controls on a radio. Keep in mind that not all options are available at all times, and may be grayed out or inaccessible depending on your hardware setup and FM services available. The following pages describe the ComproFM control panel functions, and tips for using ComproFM.

ICON	Keyboard Shortcut	Description
	Z	Minimize ComproFM
	Ctrl-W	Exit ComproFM
	Page Up	Station Up - Jump up to next **pre-set** station
	Page Down	Station Down - Jump down to next **pre-set** station
	N	Last station - Jump back to last selected station
	R	Record - Start recording **FM audio program to system**
	F1	Online Help System - Open HTML help file
	Ctrl-A	Always on top
	K	Random access button
	Ctrl-S	Stereo/Mono switch
	S	Properties - Open FM radio properties window
	M	Mute - Press to mute or restore sound
	I	About window - Shows ComproFM radio version and copyright information
	E	Open a browser window and go to the Compro web site.
	Space Bar	Play - Begin playback of recorded program
	O	Stop - Stop current action, e.g., recording, playback, Timeshifting.

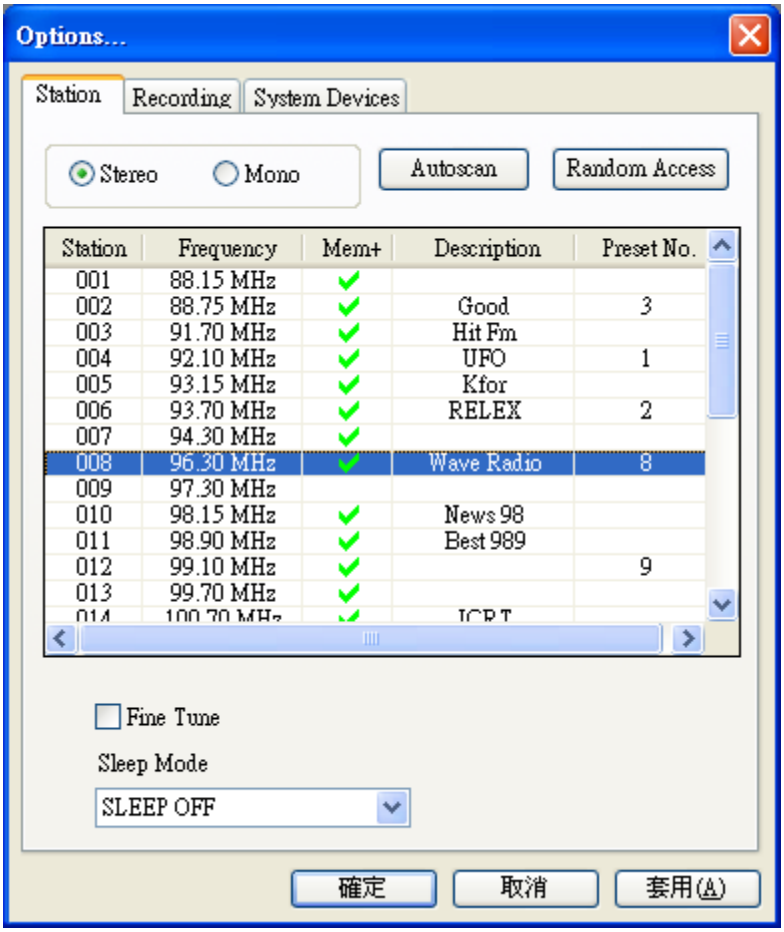
ICON	Keyboard Shortcut	Description
	Right Arrow Key	Channel searching / Forward when playing **audio** files
	Left Arrow Key	Channel searching / Backward when playing **audio** files
	Space Bar	Pause - Suspend playback
	n/a	Show/Hide number pad
	+, -	Volume Control - Increase or decrease sound intensity

Configuration

Use the ComproFM options menus to control how ComproFM looks and functions. Click the **Options** button to open the Options dialog box. The Options dialog box is composed of tabbed pages, each with its own group of feature-specific settings.

Station Options

The Channel options page lets you customize and configure your FM station list. ComproFM can automatically scan your antenna signal for available stations. You can label and identify the enabled stations, as well as include or exclude stations from the station surfing list.



Follow these steps to customize and configure your channel list.

Autoscan

The first time you start ComproFM, Autoscan will automatically search for all available FM stations.

1. The number of scanned stations varies according to the quality of reception and your country settings.
2. You can interrupt the scanning process by pressing the **Stop** button.
3. When **Autoscan** is finished, detected stations are automatically enabled and marked with a check mark. ☑ stations, where a valid signal could not be detected, are disabled and marked with a blank.

After you are finished scanning for available channels, you may select **OK** to return to the display window, or customize the channel list according to your preferences, as described below.

You can rescan later by pressing the **Autoscan** button.

Naming Stations

You can customize the station names by following these steps.

Step1. Double-click on the **Description field** of the station you wish to rename.

Step2. Type a new name in the text box.

Step3. Repeat steps 1 through 2 for any other channels you wish to rename.

Step4. Click **OK** to confirm your changes.

Set Mem+

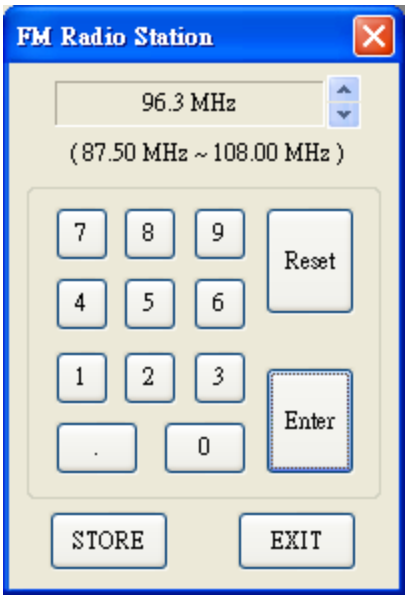
During the **Autoscan** process, ComproFM automatically

detects and enables stations with valid content. By default, every available channel will be enabled and marked with the icon. You can shorten the list of enabled stations to reduce station-browsing time disabling channels from the channel list by clicking on the icon. You can re-enable stations by clicking on the Mem+ field again.

Disabled stations will not be played when you use the Station Up and Down buttons.

Random Access

Press Random Access button, you will see the popup window to enter the frequency of the radio station you wish to listen to. You can store the station to the station



field by pressing **Store** button.

Pre-set Stations

You can assign up to ten of your favorite stations to the number pad keys by following these steps.

Step1. Click on the **Pre-set No field** of the station you wish to pre-set.

Step2. Choose the number you wish to use in the number box.

Step3. Repeat steps 1 through 2 for any other channels you wish to rename.

Click **OK** to confirm your changes.

You can then select your favorite stations by press the number key.

Note:

There are ten numbers you can use, from 0 to 9.

The number box only shows the available numbers. If you wish to reassign a pre-set, choose the number you wish to use in the number box again.

You can select the number again to cancel the assignation.

Fine Tuning

ComproFM includes a fine-tuning feature. Select the station you wish to fine tune and press the button labeled, "Fine Tune." You may then adjust the slider and then press the button labeled, "Exit."

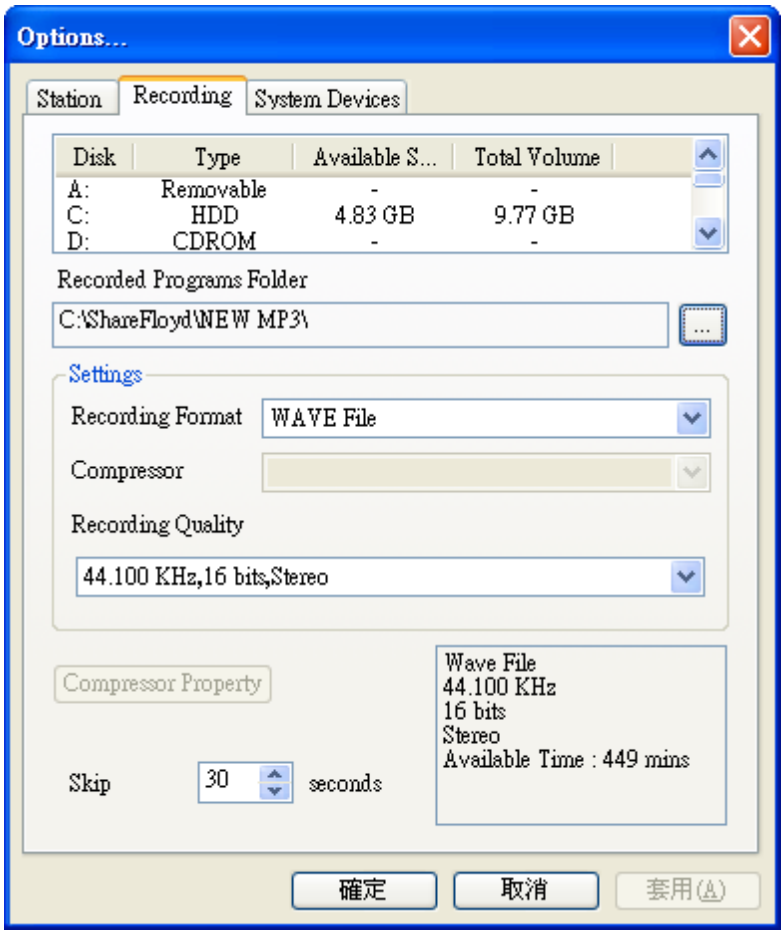
Fine-tuning is normally not necessary.

Sleep mode

You can enable this mode to automatically shutdown the system after 30 minutes, 1 hour, or 2 hours.

Recording Options

Here, you can see the hard disk space available for recording. You can also set the storage destination folder and MP3 recording quality parameters.



Recorded Programs Folder

Click on the ... button to set the directory where recorded programs are stored. Check that you have ample disk space to store recorded programs.

Recording Format

Here you can select the audio quality settings of recorded programs. ComproFM includes useful quality pre-sets, from MP3 to CD-quality.

Recording Quality

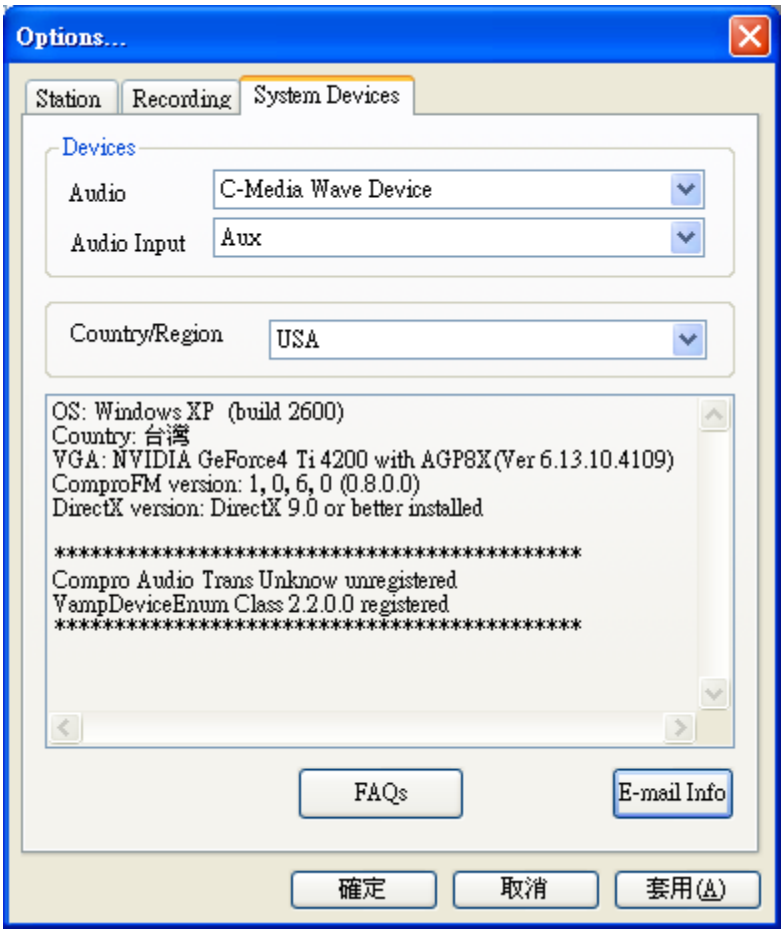
Choose between 9.600 KHz to 44.100 KHz sampling rate for your audio quality. For example, select 12.800 KHz if you want MP3 quality or select 44.100 KHz if you want CD quality.

Skip

Set the amount of programming time skipped when you press the Advance and Replay buttons during playback. This is useful for skipping commercial messages, for example.

System Devices Options

The System Devices tab displays Windows system and drivers information related to ComproFM.



Audio Device

Normally, the audio device is set to the name of your sound card.

Note:

You must select the proper Audio devices for correct operation.

If you cannot see the name of your sound card, the sound card drivers are probably not correctly installed. Please see Chapter 5, ”Troubleshooting.”

Audio Input

Choose the “**AUX-In**” if you are using an internal audio

patch cable connected to “**AUX-In**” of your sound card.

If you are using an external audio patch cable, you should connect it to the “**Line-In**” port on your sound card. Additionally, choose “**Line-In**” for Audio input.

Note:

If you cannot see the audio device on the field, the sound card drivers are not properly installed. Please make sure that your sound card works normally and reinstall the sound drivers, if necessary.

For better quality, use “Line-In” instead of "MIC" input.

Country/Region

Select the country or region you are located.

Note:

Choosing the wrong location may result in incorrect station scanning.

Support

Before contacting Compro for technical support, please check our FAQs (Frequently Asked Questions) on our website. Press **FAQ** button to the website http://www.comprousa.com/support for more information.

If you click on the **E-mail Info** button, ComproFM will attempt to e-mail this information to the Compro Technical Support team. (support@comprousa.com).

When you contact the Compro Support team about a problem, please write enough details to help us determine the problem. Please also provide the product serial number (15 or 19 digits numbers) on the PCI TV tuner card.

Notes

Please check the troubleshooting chapter of this manual for more information before contacting Compro for support.

When contacting us, providing the product serial number is important to helping us evaluate the problem. It tells us exactly which product you have.

In order to solve the problem quickly, submitting the details about your problem is crucial to understanding the problem.

4. Using ComproFM

Listening

You can listen to your favorite FM station by friendly interface. After autoscanning the stations, you are ready to listen.

Station Browsing

When listening to FM, you can browse stations with the **Station Down** and **Station Up** buttons to scroll up and down through the available, enabled stations.

The keyboard shortcuts **Page Up** and **Page Dn**, and the Compro remote control can also be used.

Jump directly to the desired channel by using the number pad on your keyboard or remote control.

The **Last Station** (recall) button jumps back to the previously selected FM station.

Note

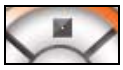
Some station numbers may not be available. Check the Station Options section for more information on shortening the list of enabled stations.

Recording

ComproFM is also a digital audio recorder. ComproFM can record FM programming and save it to your hard disk. ComproFM supports several encoding methods, letting you choose between high quality and economical use of disk space.

To instantly start recording:

1. Press the **Record** button . ComproFM starts recording the audio currently showing in the display window. It will save it to a file on your disk.

2. Press the **Stop** button  to stop recording.

3. When you stop recording, ComproFM prompts you to name the file containing the recorded video. Enter the name and press **OK**.

To playback the recorded file, press the **Play** button and select the file you wish to view.

Disk usage

The actual disk space used primarily depends on the quality settings for recording. A higher quality setting, e.g., CD-quality, requires significantly more disk space than a lower quality setting, such as MP3-quality.

Playback

ComproFM can playback recorded audio files.

Press the **Play** button to open the **Play** dialog box. Highlight the file name in the program list, double-click or press **Play** to start playback.

During playback, the display area of the control panel provides information about currently playing program and provides playback control functions.

To delete a recorded program, open the Play dialog box, highlight the file name on the program list, and press the **Delete** button.

Browse the Compro Web Site

Pressing the button will open a browser window and

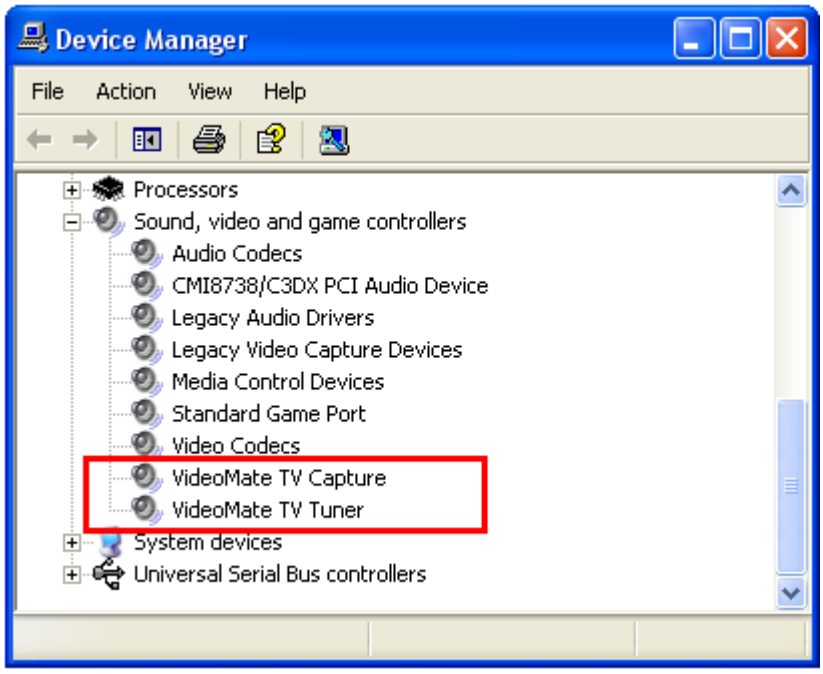
displays the Compro Support web page. Compro technical support web pages are here.
http://www.comprousa.com/support

5. Troubleshooting

Driver Installation

The most common cause of problems with the TV Tuner Card is incorrect installation of the TV capture and TV tuner drivers (also called WDM drivers). If you have problems watching, recording, or timeshifting live TV, please check the status of the WDM drivers with Device Manager.

You should see both "VideoMate TV Capture" and "VideoMate TV Tuner" drivers, in the "Sound, video and game controllers" section of Windows Device Manager.



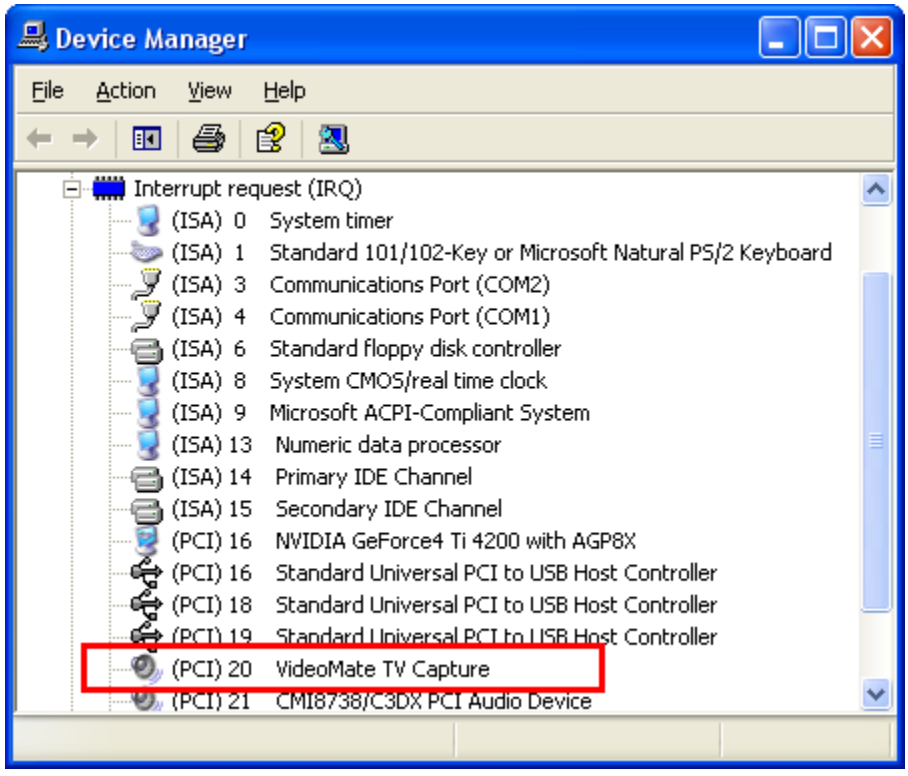
If these drivers are not there, please uninstall and reinstall the VideoMate TV drivers. Use the Add/Remove Programs Control Panel applet to uninstall the drivers. Reinstalling the drivers should fix this problem.

Error Code: 0x1000006

This error code generally indicates a WDM driver installation problem. Please uninstall and reinstall the WDM drivers, as described above.

If the problem persists, the cause could be an IRQ conflict. IRQ conflicts happen when other devices, e.g., network card or sound card, in your computer share the same IRQ with your TV tuner card.

Use Device Manager to detect IRQ conflicts. In Device Manager, choose "View->Resource by type" and click on the "+" besides Interrupt request (IRQ). Please see the figure below.


Device Manager
File Action View Help
Interrupt request (IRQ)
(ISA) 0 System timer
(ISA) 1 Standard 101/102-Key or Microsoft Natural PS/2 Keyboard
(ISA) 3 Communications Port (COM2)
(ISA) 4 Communications Port (COM1)
(ISA) 6 Standard floppy disk controller
(ISA) 8 System CMOS/real time clock
(ISA) 9 Microsoft ACPI-Compliant System
(ISA) 13 Numeric data processor
(ISA) 14 Primary IDE Channel
(ISA) 15 Secondary IDE Channel
(PCI) 16 NVIDIA GeForce4 Ti 4200 with AGP8X
(PCI) 16 Standard Universal PCI to USB Host Controller
(PCI) 18 Standard Universal PCI to USB Host Controller
(PCI) 19 Standard Universal PCI to USB Host Controller
(PCI) 20 VideoMate TV Capture
(PCI) 21 CMI8738/C3DX PCI Audio Device

For best performance, no other device should share an IRQ with the VideoMate TV card.

If another device shares an IRQ with the TV tuner card, remove other PCI cards from your PC and insert TV card on the fourth slot from AGP, if possible. Then uninstall and

reinstall the TV card driver. This usually solves the problem. If the problem persists, try moving the PCI TV Tuner card to another PCI slot.

After you can successfully use ComproFM, install the other PCI devices one at a time. Restart your system and test ComproPVR after installing each card.

Note

Pay attention to the IRQ numbers of networking, sound, and SCSI cards. They should not share an IRQ with the VideoMate TV tuner card.

No Audio

Check that the sound is not muted or low volume in the Windows Volume Control dialog. (Double-click on the speaker icon in the system tray.)

Verify that the external audio patch cable is connected between the Audio-Out of TV tuner card and Line IN of your sound card if you select the audio source to “Line-In”. Or the inner audio patch cable is connected between the inner Audio-Out of TV tuner card and AUX of your sound card if you select the audio source to “AUX”. You can verify the connection refer to the Hardware Installation.

Contacting Compro Technical Support

Before you submit an email for support, you should check our FAQs. Please see http://www.comprousa.com/support

When contacting Compro for technical support, please use the Compro support request form and provide as much of the requested information as possible. Please write the details in order to determine the problem. And also provide the product serial number (15 or 19 digits

numbers) on the Tuner Box or the PCI card. Please use the form from below.

http://comprousa.com/support/form.htm

Notes

Providing the product serial number is crucial to verify the exactly product you own for evaluating the problem.

In order to solve the problem quickly, submit the details about your problem are very important for support. We need the information to understand the problem.